PRODUCT-DETAILS

# MCBH-30

# MCBH-30 Contact Block



## General Information

| | |
|---|---|
| Extended Product Type | MCBH-30 |
| Product ID | 1SFA611605R1103 |
| EAN | 7320500307496 |
| Catalog Description | MCBH-30 Contact Block |
| Long Description | The MCBH-30 Contact Block is: - Non-illuminated - Single contact block - Front mounting - silver (Ag) - 3 NO - 0NC - 690 V<br>This Contact Block is part of ABB's modular plastic range, the most versatile range with a high level of flexibility and market-leading electrical ratings. Engineered for total reliability, longer lifetime, and highest mechanical durability. Self-cleaning contacts ensure reliable operation without the need for maintenance, increasing uptime. A high degree of protection guarantees reliability in extreme environments. The innovative design simplifies the entire process, from selection to easy and quick, tool-free installation. The perfect solution for every application. |

## Ordering

| | |
|---|---|
| Minimum Order Quantity | 10 piece |
| Customs Tariff Number | 8536901000 |

## Popular Downloads

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| | |
|---|---|
| Data Sheet, Technical Information | 1SFC151007C02__ |
| Instructions and Manuals | 1SFC151011M0201 |

## Dimensions

| | |
|---|---|
| Product Net Width | 0.03 m |
| Product Net Height | 0.048 m |
| Product Net Depth / Length | 0.036 m |
| Product Net Weight | 0.063 kg |

## Technical

| | |
|---|---|
| Ambient Air Temperature | Operation -25 ... +70 °C<br>Storage -40 ... +85 °C |
| Illumination | Non-illuminated |
| Function | With 3-position holder |
| Mounting Type | Front mounting |
| Number of Auxiliary Contacts NC | 0 |
| Number of Auxiliary Contacts NO | 3 |
| Pollution Degree | 3 |
| Rated Insulation Voltage ($U_i$) | 690 V |
| Rated Impulse Withstand Voltage ($U_{imp}$) | 6 kV |
| Rated Frequency (f) | 50 / 60 Hz |
| Rated Operational Voltage | Maximum 690 V |
| Rated Operational Current DC-13 ($I_e$) | (24 V) 5 A<br>(125 V) 0.55 A |
| Rated Operational Current AC-15 ($I_e$) | (230 V AC) 6 A |
| Power Loss | Maximum 7.5 W |
| Mechanical Durability | 10 million |
| Connecting Capacity | Flexible with Ferrule 1 x 0.75...2.5 mm²<br>Flexible with Ferrule 2 x 0.75...2.5 mm²<br>Flexible with Insulated Ferrule 1 x 0.75...2.5 mm²<br>Flexible with Insulated Ferrule 2 x 0.75...2.5 mm²<br>Flexible 1 x 0.75 ... 2.5 mm²<br>Flexible 2 x 0.75 ... 2.5 mm²<br>Solid 1 x 0.75...2.5 mm²<br>Solid 2 x 0.75...2.5 mm² |
| Connection Type | Screw Clamp |
| Terminal Type | Screw Terminals |
| Tightening Torque | 0.9 N·m |
| Wire Stripping Length | 8 mm |
| Suitable For | MP1<br>MP2<br>MP3<br>MP4<br>MPD1<br>MPD2<br>MPD3<br>MPD4<br>MPD5<br>MPD11<br>MPD12<br>MPD13<br>MPD14<br>MPD15<br>MPD16<br>MPM1<br>MPM2 |

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| | |
|---|---|
| | KP6 |
| | MPET3 |
| | MPEP3 |
| | MPEK3 |
| | MPET4 |
| | MPEP4 |
| | MPEK4 |
| | MPMT3 |
| | MPMT4 |
| | MPMP3 |
| | MPMP4 |
| | M2SS1 |
| | M2SS2 |
| | M2SS3 |
| | M2SS4 |
| | M2SS5 |
| | M2SS6 |
| | M3SS1 |
| | M3SS2 |
| | M3SS3 |
| | M3SS4 |
| | M3SS5 |
| | M3SS6 |
| | M3SS7 |
| | M3SS8 |
| | M3SSC1 |
| | M3SSC2 |
| | M3SSC3 |
| | M3SSC4 |
| | M3SSC5 |
| | M3SSC6 |
| | M3SSC7 |
| | M3SSC8 |
| | M2SSK1 |
| | M2SSK2 |
| | M2SSK3 |
| | M3SSK1 |
| | M3SSK2 |
| | M3SSK3 |
| | MTS1 |
| | MTS2 |
| | MTS3 |
| | MJS1 |
| | MJS2 |
| | MJS5 |
| | MJS6 |
| | MJS7 |
| | MJS8 |
| | MJS11 |
| | MJS12 |
| Suitable for Product Class | Pilot Devices |

## Technical UL/CSA

| | |
|---|---|
| Connecting Capacity | 1x 18...14 AWG |
| UL/CSA | 2x 18...14 AWG |

## Environmental

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|---|---|
| Degree of Protection | Terminals IP20 |

## Material Compliance

| | |
|---|---|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| REACH Declaration | 2CMT2022-006479 |
| RoHS Information | 2CMT2022-006498 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Toxic Substances Control | 2CMT2023-006523 |

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|---|---|
| Act - TSCA | |
| WEEE B2C / B2B | Business To Business |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

## Certificates and Declarations

| | |
|---|---|
| CQC Certificate | CQC2005010304154103 |
| cULus Certificate | UL-E76003-20140513 |
| Declaration of Conformity - CCC | 2020980305001528 |
| Declaration of Conformity - CE | 2CMT2015-005452 |
| Declaration of Conformity - UKCA | 2CMT2020-006121 |

## Container Information

| | |
|---|---|
| Package Level 1 Units | bag 1 piece |
| Package Level 1 Width | 0.11 m |
| Package Level 1 Depth / Length | 0.15 m |
| Package Level 1 Height | 0.03 m |
| Package Level 1 Gross Weight | 0.063 kg |
| Package Level 1 EAN | 7320500307496 |

## Classifications

| | |
|---|---|
| Object Classification Code | S |
| ETIM 6 | EC000041 - Auxiliary contact block |
| ETIM 7 | EC000041 - Auxiliary contact block |
| ETIM 8 | EC000041 - Auxiliary contact block |
| eClass | V11.0 : 27371302 |
| UNSPSC | 39122221 |
| IDEA Granular Category Code (IGCC) | 5219 >> Switch part or accessory |
| E-Number (Finland) | 2339070 |
| E-Number (Sweden) | 3714025 |

## Categories

Low Voltage Products and Systems → Control Products → Pilot Devices → Modular Plastic Range

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